



Schindler 7000
Global designs for
high-rise elevators.

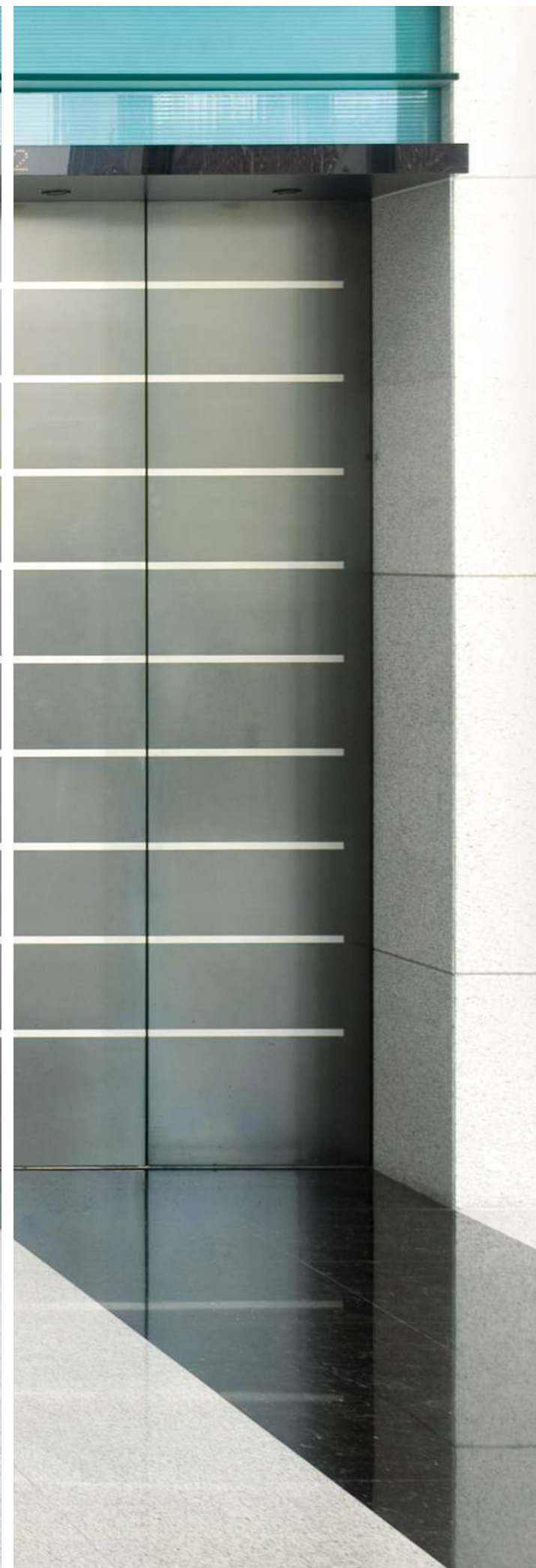


Schindler



From outstanding impressions to fascinating designs.

Elevators are striking architectural elements. They determine the impression the building makes – at first glance, right when you enter the lobby. With their wide spectrum of materials, colors, and design elements, Schindler 7000 high-rise elevators blend independently but still harmoniously into the overall building concept.

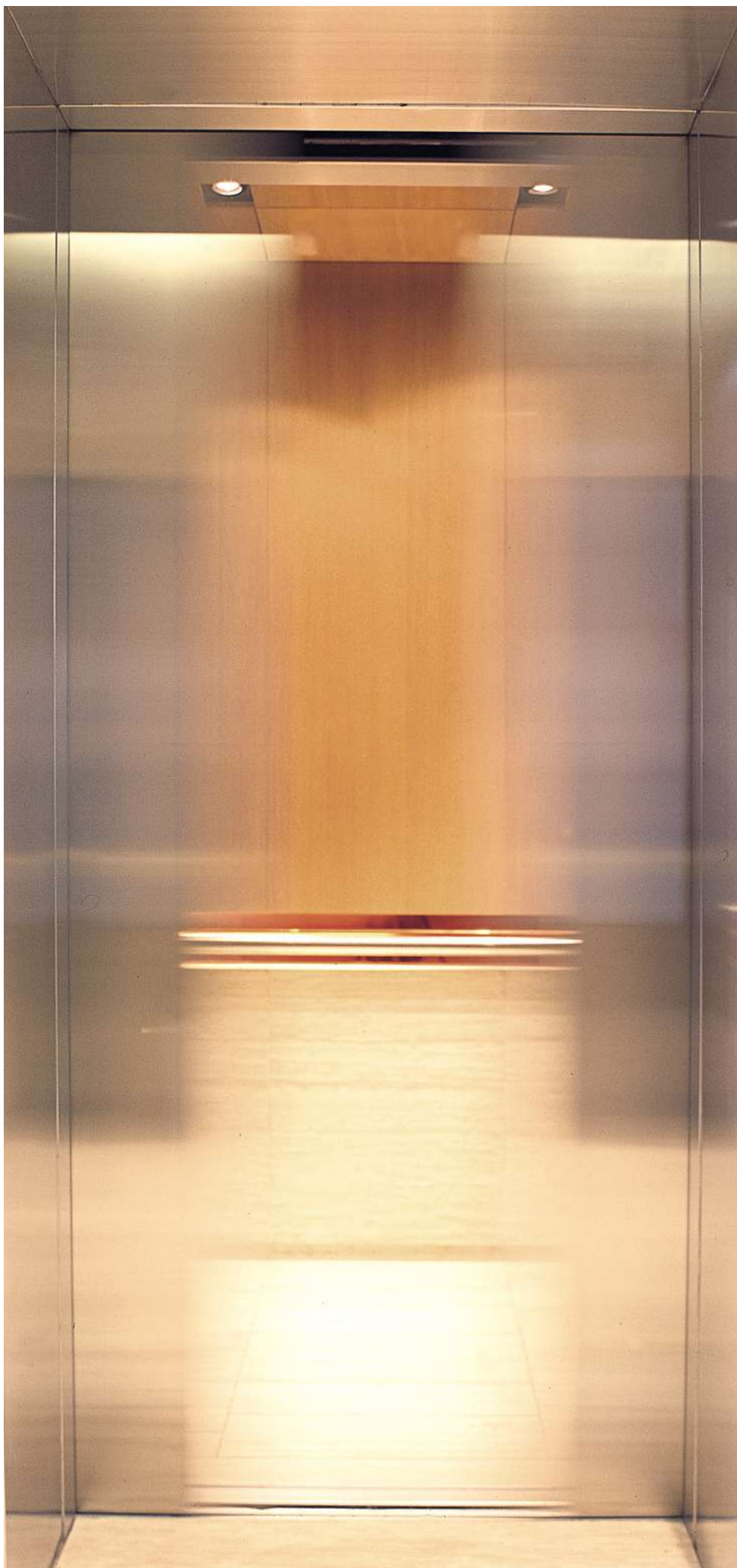


When customer orientation means high functionality.

If you want to go up, you want to get there as fast and comfortably as possible. The cleverly designed, stylishly made communication and operating elements of Schindler 7000 guide passengers efficiently to the elevator and take them directly to their destination.









Your comfort is our ambition.

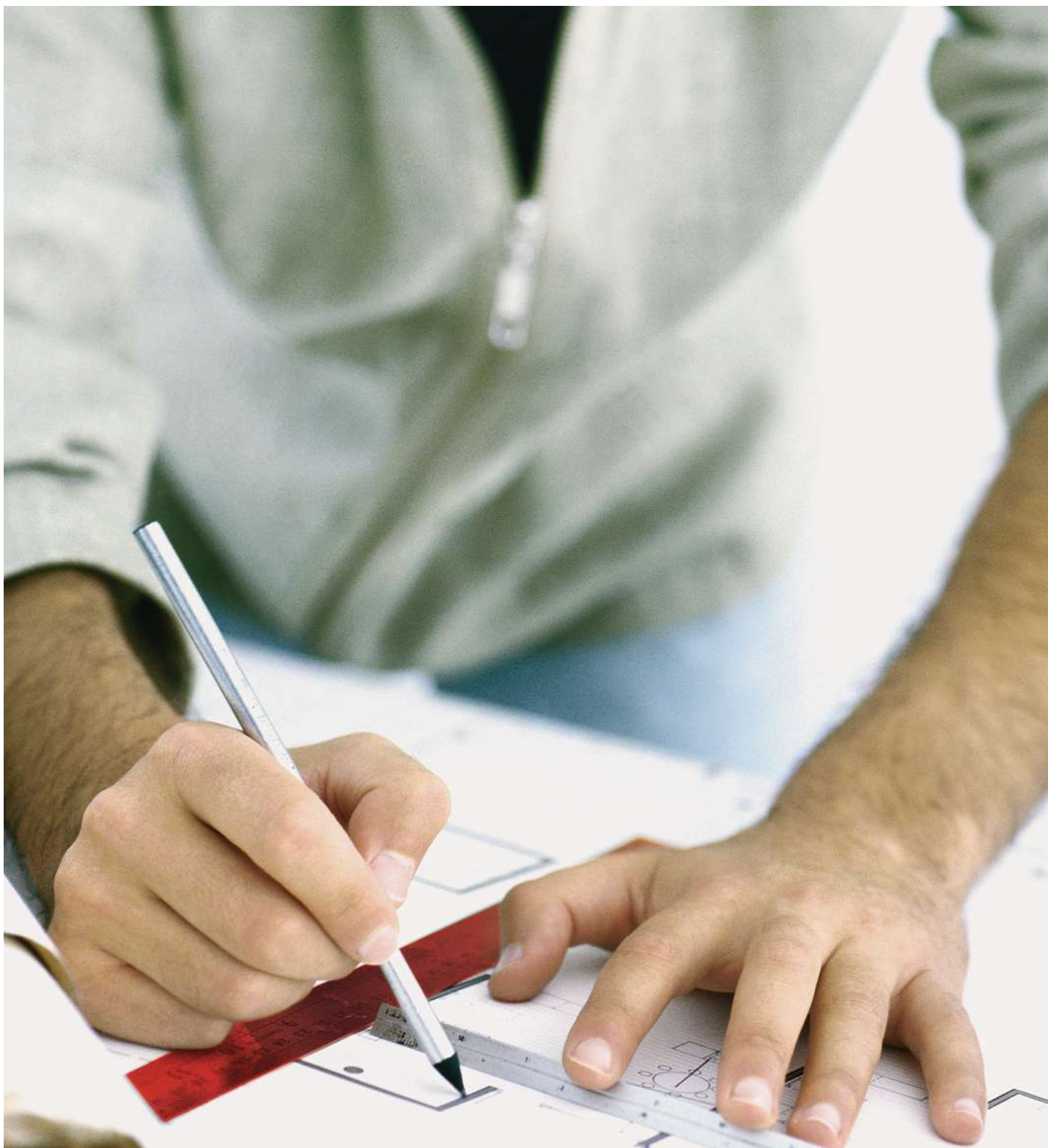
The feeling of safety and protection contributes to a comfortable trip. Schindler 7000 offers unlimited freedom for the design of the elevator cars. An elegant ambience puts passengers at ease and leaves long-lasting impressions of enjoyable moments.

A woman with dark hair tied back, wearing a vibrant red long-sleeved blouse tied at the waist and wide-leg white trousers, stands in a modern building hallway. She is holding a black mobile phone to her ear with her right hand and a small black handbag in her left. The hallway features a polished floor that reflects the light. To her left is a wall with a series of vertical, slatted panels. In the background, large windows with red frames let in bright light, and the ceiling has recessed lighting.

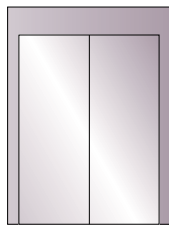
Systematized inside. Individualized outside.

Schindler 7000 elevators harmonize with the different architectural worlds of every floor. Individually adapted doors, door frames, and operating elements emphasize the atmosphere of each area of the building and make every arrival a pleasurable event.

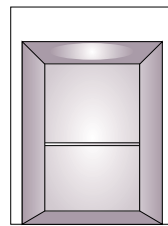




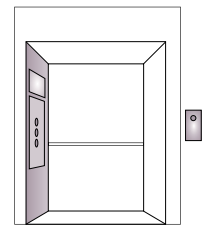
Schindler 7000 – Your visions turn to reality.



Doors and frames



Cars



Operating elements

With Schindler 7000 you turn your high-rise elevators into an architectural gem – that completely fulfills your visions and desires. Be inspired by the examples in this brochure – but don't let them limit you.

Unrestrained creative freedom

Experiment with shapes, colors, light, and materials. Design your own individual doors and door frames, furnish the car interiors just how you want, choosing from the wide selection of functionally styled communication and operating elements. Create your own elevator design – we'll be delighted to make it for you.

Technical advice and implementation

On the pages that follow, you will find the most important information about the possibilities and technical aspects of the elevator design. So that creative ideas and engineering are in phase at each stage of the planning, Schindler will actively advise and support you on every project.



Diversity becomes harmony.

Landing doors and door frames greatly influence the surrounding architecture. Irrespective of whether you blend them into the walls as inconspicuously as possible or deliberately use them to set an independent accent. Either way – your elevator design is sure to make an impression.

Landing door construction

Schindler elevator doors are normally center opening but if you wish, you can also have telescopic doors. A variety of ways of fastening the doors allow them to be safely integrated into different types of wall.

Landing door frames

Standard door frames are available in a diversity of basic models. «Box frames» are discreetly recessed. «J frames» deliberately emphasize the frame as an independent architectural element. And «Angle frames» can be placed invisibly behind the wall cladding.

In extremely high rooms, «J frames» can be combined with a «Flush transom». This allows the door heights to be optically lengthened up to about 4 meters.

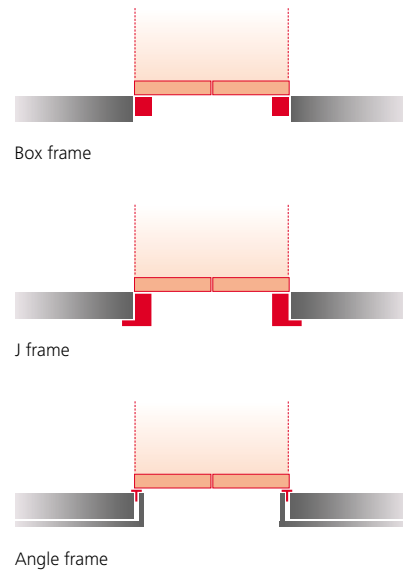
Key figures

Door width in mm	800 – 1400
Door height in mm	2100 – 2800
Max. moving mass in kg	≤ 400 standard

Information about other door types is available on request.

Fire protection

BS 476 Part 22 E120
BS 476 Part 22 EI 60
EN 81-58 E120
UL 10 B





Elevator doors and door frames are normally made of massive stainless steel. In addition, Schindler 7000 allows scope for any number of customer-specific design variants.

Glazing

Full-surface glazing or see-through glass panels inlaid in various metal profile structures give the doors lightness and transparency – in lobbies and malls as well as on the landings. Coated, matt, and structured glasses with various colors and designs enrich the interior architecture.

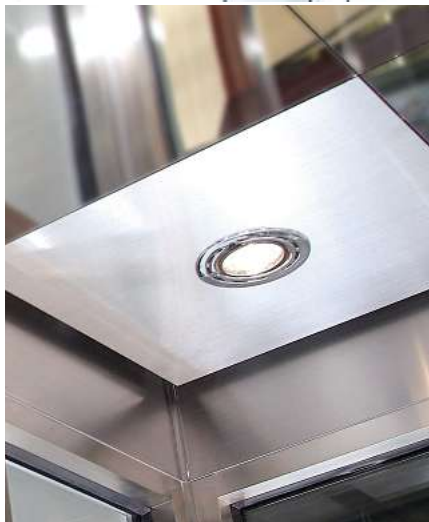


Coatings

The stainless steel doors and door frames can be individually coated with paints and lacquers – as an aesthetic complement to the surrounding wall design, a component of the respective floor tenant's corporate design, or a valuable contribution to art in the building.

Cladding

The construction of the elevator doors allows the panels to be clad with natural or artificial stone, wire-mesh, wood veneer, etc. Etched, polished, glass-pearled, and punched sheet metal are further examples. And for yet greater prestige, the doors can even be clad with precious metals.



More for less. Going for the max.

Whether technically cool, cozily warm, timelessly elegant, or playfully individual – the walls, car doors, fittings, ceilings, floors, and lighting give your elevator cars a uniquely strong character. Taking pleasure in your creativity, you alone determine the individual appearance and formal aesthetics.

Car types

Schindler 7000 offers two different types of car, one with a speed of up to 6 meters per second and another from 6 to 10 meters per second – to assure excellent ride quality.

Standard Schindler 7000 elevators have one entrance. To allow flexibility for the building layout, on request we can design your cars with two entrances.

Key figures

Travel height in m	≤ 500
Speed in m/s	2.5–10
Single deck in kg	800–4000
Double deck in kg	up to 2 x 2250
Access (Single deck)	1 or 2 opposite entrances

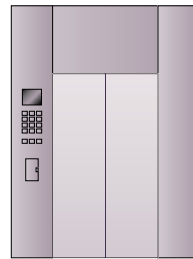
Car decor weight (standard values)

Rated load in kg	Decor weight in kg
800	500
900	500
1000	600
1150	600
1275	700
1350	700
1600	800
1800	900
2000	900
> 2000	on request
Double deck	1000 per deck

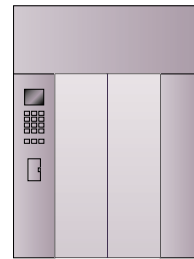
Distinct lines with flexibility to suit.

The car doors and car frames together form the car front. You have a choice of two basic types:

In «Creation» the metal side panels extend over the full height of the car. In «Dimension» they are the same height as the metal frame of the doors.



Creation



Dimension

Car front design

The car control panel with the operating elements can be placed to the left or right. It is also possible to have control panels in both side panels. The car doors, side panels, and headers can be made of glass or metal. The car front can also be individually coated or clad – to match it perfectly to the car walls, ceiling, and floor.



Perfection. Down to the last detail.

The internal dimensions of the elevator cars are usually kept as compact as possible. By thoughtfully designing the walls you can optically overcome the true dimensions and give the passengers a pleasant feeling of spaciousness.

Wall design

Except for the weight of the decor, there are no limits on the design of the walls. They can be made of standard massive stainless steel, or at the customer's wish glazed, fitted with mirrors, coated, or nobly clad – with Schindler 7000 just about everything is possible. So you can combine shapes, materials, and colors to your heart's content.

Fittings and wall lights

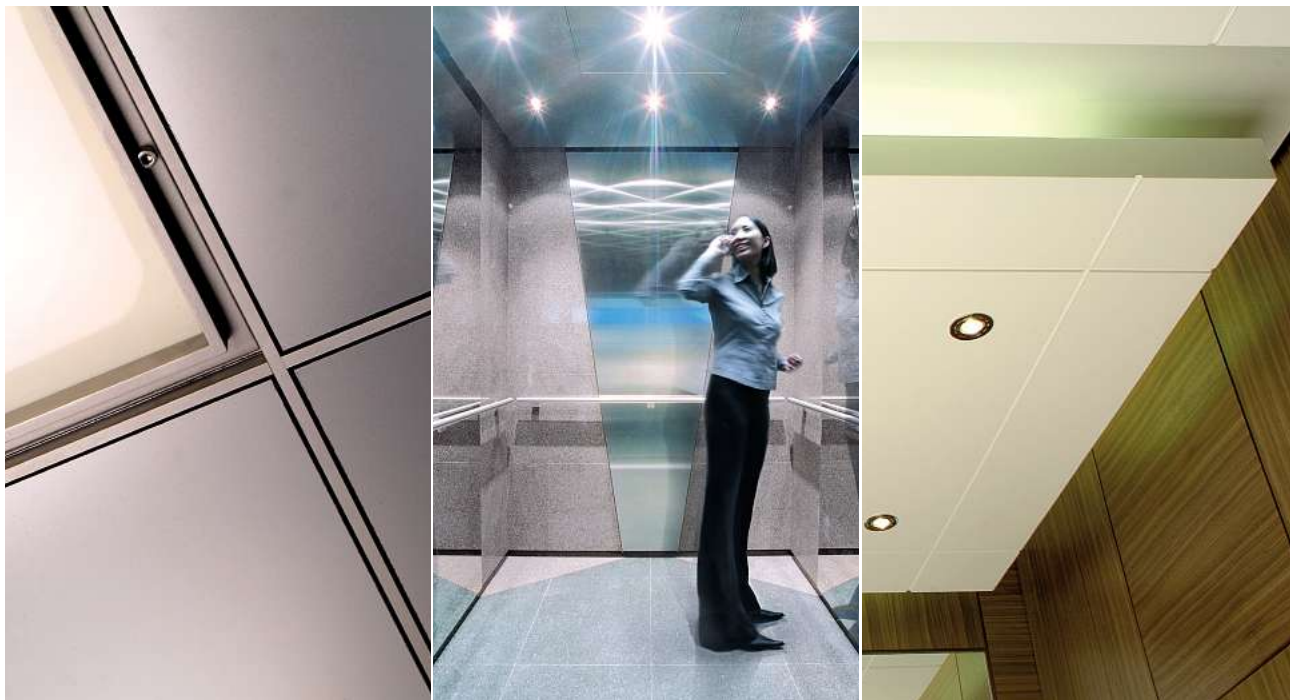
Handrails and kick plates are available in various designs and materials or can be created and manufactured by Schindler to the customer's specifications. Lights and lighting elements can be mounted without problem or integrated in the walls.





We put you in the right spotlight.





The interplay of the lighting with your design for the car ceiling has a major effect on the ambience of the car. For this reason, also with the ceiling, Schindler 7000 gives you unlimited scope for a creative, multifaceted design.

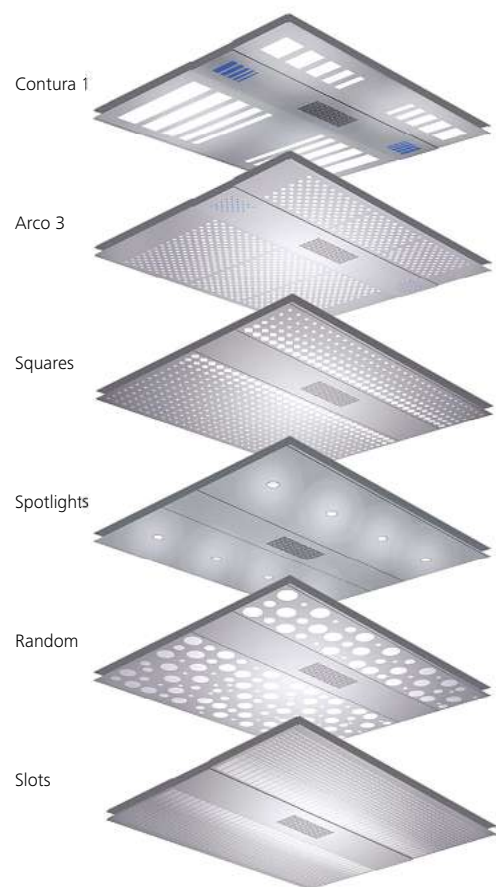
Roof construction and ceiling design

The basic construction of the elevator roof always consists of a solid supporting structure. This can be coated directly or clad. An underceiling can then be fastened to it or hung from it. The spectrum is completely open – glass, mirror, plaster, wood, natural or artificial stone. It's all been thought of, it's all possible.

Lighting

Depending on the lighting concept, the lighting fixtures are mounted either on the ceiling immediately below the roof or on the lower underceiling. Direct or indirect light and luminous ceilings of glass or plastic are just as feasible as creative light decorations. We can even realize the dream of a starry sky or other fairy tale lighting effects.

Car ceiling designs



Feel the absence of vibrations.

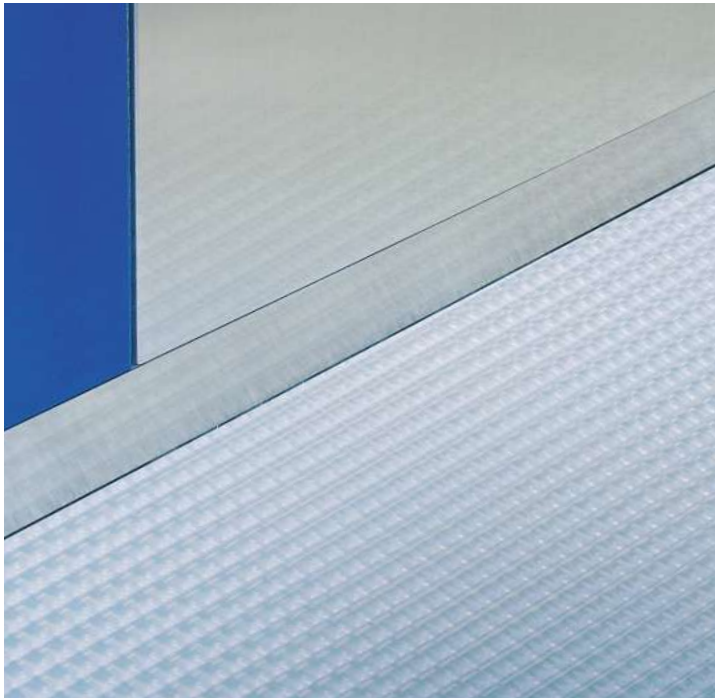
How a person feels depends on how they stand. By selecting the most appropriate floor covering you help to ensure that passengers feel safe and comfortable for the entire duration of the journey.

Floor construction

Because high-rise elevators travel so fast that they have to accelerate and decelerate very quickly, all Schindler 7000s are developed with a special floor construction. This provides maximum damping of any vibrations. And any type of floor covering can be laid over it.

Materials

Anything you can think of – noble marble, granite, ceramic, artificial stone, or sheet metal with various structures are just as possible as all different kinds of wood, plastic, and carpet.





When design counts, details matter.

In good design, the whole counts just as much as the details. With the cleverly designed and intelligently functional operating elements the Schindler 7000 guarantees the passengers a precisely and comfortably journey to their destination. That optimizes the efficiency of the elevators and guarantees smooth movement of people in the building.

Operating elements

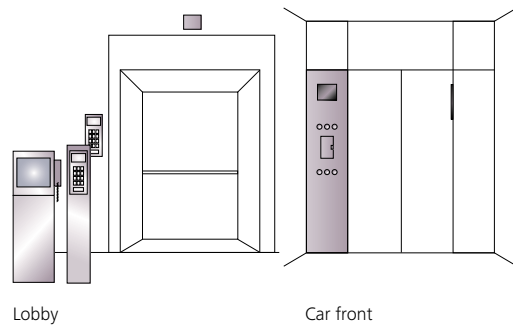
All operating elements are characterized by a clear, language-independent, modern basic design. Materials that include glass and metal, as well as various coating techniques such as painting, anodizing, and chrome plating, allow individual parts to be adapted to the architectural environment of the building and elevators. The spectrum of options ranges from classical-traditional to state-of-the-art. Car and landing operating panels can be positioned in the operationally and aesthetically optimal location – allowing even own remote pillars.

Individualization

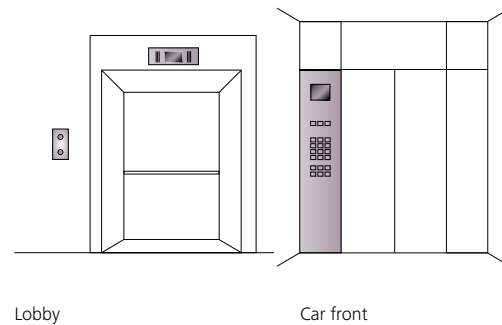
If required, pillars, operating panels, and buttons can be individually adapted. Technical support from Schindler guarantees that when adaptations are made, the functionality is retained and the entire customer-specific assortment of a project can still be supplied in the desired design even for subsequent modifications or repairs.

High functionality. State-of-the-art or classic designs?

Pillars and terminals



M- and D-Line elements



Pillars and terminals for intelligent traffic management

Pillars and terminals reflect the operating philosophy of Schindler's destination control system where passengers enter their destination directly via a 10-digit keypad mounted on a pillar or terminal located on the landing. Inside the car, the only buttons are for opening and closing the doors and the alarm button. All elements have a functional and modern basic design with easy-to-understand graphical interfaces. This makes the elevators much simpler for passengers to operate and thus saves them valuable time.

Touch screen and visitor information stations

Conspicuously styled and well placed touch screen and visitor information stations make passengers' first contact with the elevator easier. With text in various languages – or with voice support – they explain how to operate the elevators. They also fulfill the same functions as the pillars and terminals.

Buttons for conventional operation

For conventional control of the elevator there is a choice of two basic design lines. The external operating elements are usually only the call buttons and the car position indicator, and the destination is input on the operating panel inside the car. In both lines, the basic design can be adapted to the customer's wishes or designed completely individually.

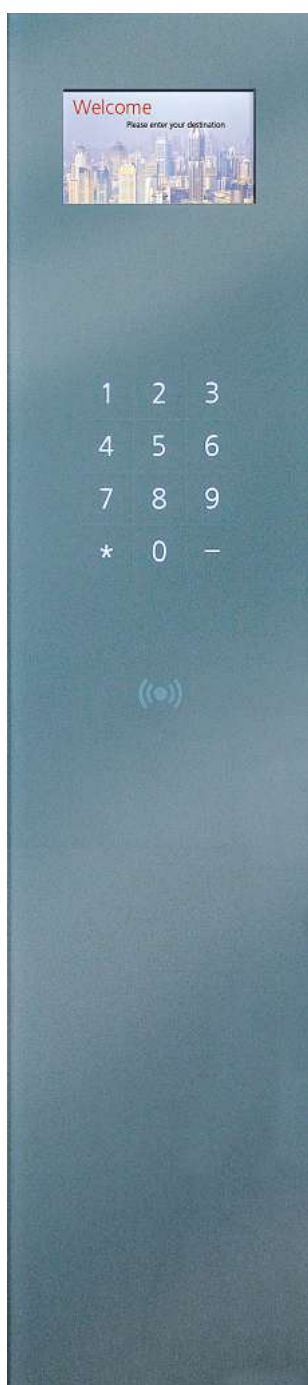


Direct and fast. Discover it yourself.

Pillars and terminals

Passengers enter their desired destination on a pillar or terminal and see on the screen which elevator will take them to their destination the fastest. There can also be an integrated card reader and the terminal can be additionally fitted with locks or a voice box. The chassis can be

mounted either directly or on special design elements on the outside wall or freestanding columns. For the covers there is a choice of brass, stainless steel, or steel plate.



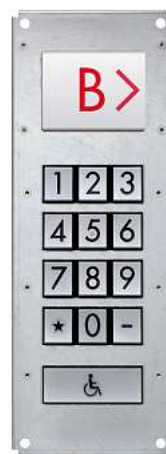
Colored glass pillar with LCD color display. The standalone pillars are also available with colored touch screen.



Terminal with colored LCD display



Terminal with monochrome LCD display



Terminal chassis mounting with colored or monochrome display

Card reader

The card reader can be mounted below the terminal, or below in combination with the terminal and voice box, always together as a unit.



Card reader

Option boxes

The option box can be installed below the terminal or below in combination with the terminal and voice box, always together as a unit. The elements of the dedicated buttons can be named individually and can also be mounted into a sheet metal plate.



Option box dedicated buttons



Option box

Voice box

The voice box can be mounted below the terminal or between the terminal and option box, always together as a unit.



Voice box

Terminal with Card reader and Voice box



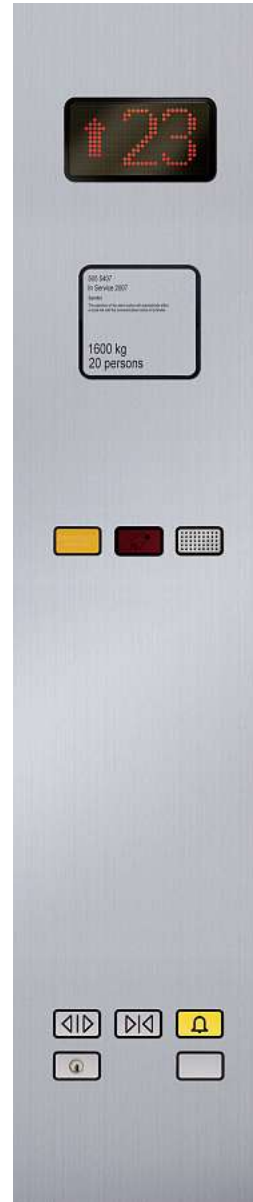
Destination indicator

The red or green digital destination indicator inside the car shows where the car is going.



Destination indicator

Car operating panels



with M-Line buttons



with D-Line buttons

Car designation plates

The car designation plate identifies the elevator. It may be inscribed only, or include voice and illumination for handicapped passengers. Typefaces as well as various materials such as printed glass, specially formed plastic, or individually processed metal offer a wide range of creative possibilities for optimal integration into the surrounding architecture of the building.



Standard plate



Handicap plate,
for people with impaired hearing
or eyesight, optionally with
integrated loudspeaker

When classic becomes modern.

M-Line buttons

The rectangular M-Line push buttons and touch buttons can be used anywhere and are very easy to mount on the cover plates. The M-Line variant has a red illuminated bar to confirm call registration.

M-Line buttons are available in the following materials:

- Anodized aluminum alloy: Colorless
- Stainless steel: Hairline or highly polished
- Stainless steel New Gold: Hairline or highly polished

In addition to the standard variant, further individual versions can be realized with a design variant.



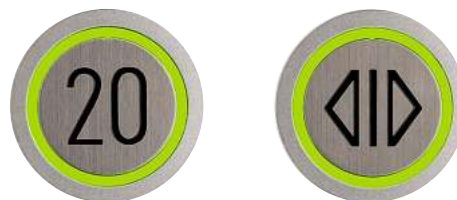
D-Line buttons

The round D-Line push buttons can be used anywhere and are very easy to mount on the cover plates. The round buttons are surrounded by an aluminum collar. Call registration is confirmed by an illuminated green ring of long-life high-luminosity LEDs.

In addition to the D4, D6, and D8 standard variants, further individual versions can be realized with a design variant.

Type D4 push button

Collar	Anodized aluminum, simulated chrome plate
Button	Polished stainless steel
Call confirmation ring	Green
Lettering	Engraved 16 mm black
Standards	EN 81-72
Acoustic call confirmation	Connectable
For use with	Material thickness up to 15 mm



Type D6 push button

Collar	Anodized aluminum, simulated chrome plate
Button	Anodized aluminum, black
Call confirmation ring	Green
Lettering	Raised 16 mm
Standards	EN 81-70 + EN 81-72
Acoustic call confirmation	Connectable
For use with	Material thickness up to 15 mm



Type D8 push button

Collar	Anodized aluminum, black
Button	Anodized aluminum, black
Call confirmation ring	Green
Lettering	Raised 10 mm, with braille
Standards	EN 81-70 + EN 81-72
Acoustic call confirmation	Connectable
For use with	Material thickness up to 15 mm



Car position indicator M-Line



Landing operating panel M-Line



Car position indicator D-Line



Landing operating panel D-Line



Car operating panels



M-Line



D-Line



From future to present.

Schindler 7000 car information system provides information about the elevator’s operating status inside the car. With individually adaptable information and advertising, the system also makes passengers’ traveling time go faster.

Screen design and installation

The screen surfaces provide lots of space for customized content and graphics. The displays are available in various sizes. Their modern design contributes to a futuristic appearance of the elevators. A cleverly designed mounting system ensures that they blend seamlessly into the cars – just like everything else about the Schindler 7000.

We keep what we promise. And we promise a lot.

Schindler's high-rise organization is unique!
Your local Schindler partner works in association
with our highly experienced regional Top Range
Team which is managed by the global Top Range
Division in Switzerland. Together we advise and
support you anywhere in the world with developing
and implementing your individual design wishes for
Schindler 7000.

A partnership
which takes you to the top.

Schindler Elevator Ltd.
Top Range Division

Zugerstrasse 13
6030 Ebikon, Switzerland
Phone + 41 41 445 31 31
Fax + 41 41 445 36 69

trc@ch.schindler.com
www.schindler.com